

AIS Early Detection Monitoring Data Form

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Erika S.S

Inland
waters
608-221-
6191
Form 3200-xxx (R 6/2013)

3/4m

Lake Name Park	County Columbia	WBIC 180300	Date(s) 6/23	AIS sign? Y N	Secchi (ft or m) 0.75	Conductivity (ZM tow if ≥ 99 umhos/cm)
Data collectors Jeanne Scherer Katrina Funzel		Lead Monitor phone and email Jeanne.Scherer@ wisconsin.gov	Start time (~ 15 min) 10:00	End time (~ 15 min) 3:30	Total collector time (hrs x # collectors) 1.1 Paid 15.5 Vol 26.5 TH	

Look for the following species: Purple loosestrife, Phragmites, flowering rush, Japanese knotweed, Yellow iris, Eurasian water-milfoil, curly-leaf pondweed, Hydrilla, Brazilian waterweed, yellow floating heart, European frog-bit, yellow floating heart, water chestnut, Brazilian waterweed, fanwort, parrot feather, water hyacinth, water lettuce, zebra mussel, quagga mussel, water flea, Chinese mystery snail, banded mystery snail, faucet snail, New Zealand mud snail, Asian clam, red swamp crayfish, rusty crayfish, didymo, and any other AIS found.

STEP 1: Record locations of sampling sites (in decimal degrees). Sampling sites include all public boat landings (BL), 5 target sites (TS) and the meander survey sites (MS). List AIS found at each site or record none. Collect a sample of any new AIS found. Collect five new invasive plant specimens, 20 Dreissenids, and 3 of each snail species and include internal and external labels with WBIC, lake name, county, sample date, sample type (snails, spiny water flea or zebra mussel) and collector. Legibility is appreciated. If needed, preserve with adequate ethanol.

Site	Latitude	Longitude	Snorkel (Y or N*)	If N snorkel, indicate why†	Species, density 1-5*
BL1	43.54357	-89.28369	N	turbid/stained	CLP 1
MS1	43.54437	-89.28278			CLP 3, EWM 3, Possible EWM hybrid
TS1	43.54780	-89.28053	N	" "	
MS2	Boat dock				
TS2	43.55231	-89.27628	N	algae + turbid	CLP 3 EWM 4 (In River, Bay 1.2')
BL2	43.55172	-89.28113	N	turbid	CLP 2 EWM 2
TS3	43.54882	-89.28458	N	Turbid	CLP 1 EWM 1
TS4	43.54378	-89.30006	N	"	Amlotus EWM 4
TS5	43.54247	-89.29253	N		Between two Amlotus beds
					Hybrid EWM 4? Definitely some hortum

common around pen areas all around the lake from the River

*For lakes/sites not snorkeled, substitute:

Boat landing site - Examine rake throws and D-net samples for 30 minutes.
 Targeted site - Examine rake throws and D-net samples for 10 minutes.
 Meander - Examine 50 rake throws/D-net samples during meander survey.

†If lake/site was not snorkeled, indicate why: stained water, turbid water, blue-green bloom, chemical treatment, other (please describe).

‡ Density Ratings

- 1 - A few plants or invertebrates
- 2 - One or a few plant beds or colonies of invertebrates
- 3 - Many small beds or scattered plants or colonies of invertebrates
- 4 - Dense plant, snail or mussel growth in a whole bay or portion of the lake
- 5 - Dense plant, snail or mussel growth covering most shallow areas

Step 2: Collect Waterflea Tows from the deep hole (DH). Decant 5 water and preserve the sample. Submit the sample, this data form and the Water Flea Tow Monitoring Report (3200-128) to DNR Science Services.

Site	Net ring depth	Method (hor, obliq, vert)	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)	Sample sent to, date
DH2	1 m	obliq	50	Y	Y	
DH1	3 m	obliq	50	Y	Y	
DH1	3 m	obliq	50	Y	Y	7/11/14

Step 3: Collect Velliger Tows from 3 sites; the deep hole (DH) and two other deep areas along the downwind side of the lake. Submit the sample, this data form and the Mussel Velliger Tow Monitoring Report (3200-135) to DNR Science Service.

Site	Net ring depth	Net diameter (30 or 50 cm)	Ethanol added (Y or N)	Samples combined (Y or N)	Sample sent to, date
DH2	2 m	50	Y	Y	
DH1	1.5 m	50	Y	Y	7/11/14
DH1	2 m	50	Y	Y	

Step 4: Were plant voucher specimens submitted? Yes No (circle) If yes, indicate where: Freckmann Herbarium, Wisconsin State Herbarium, Other No

Step 5: Were snail voucher specimens submitted for all records (circle)? Yes No If yes, where? (circle) UW-La Crosse or other No

Step 6: Data was entered into SWIMS on 7/17/14 by Joanna Steer

Step 7: Data was proofed on 8/22/14 by JP

Notes:

Current density of 1000s even in bays